

CLAIM AMENDMENTS

What is claimed is:

Claims 1-17 Cancelled.

18. (Currently Amended) A method for lubricating a vehicle hydraulic system capable of transferring rotational energy into a stored energy reservoir and later reconverting the stored energy to rotational energy to aid propulsion, the method employing a composition comprising:

(a) a substantially nitrogen free dispersant derived from the reaction product of:

(i) a polyalkenyl-substituted acylating agent; and

(ii) a polyol; and

(b) an oil of lubricating viscosity[[.]]; and

(c) a primary metal hydrocarbyl dithiophosphate.

19. The method of claim 18, wherein the vehicle hydraulic system is a hydraulic launch assist, a hydrostatic transmission or mixtures thereof.

20. (Cancelled).

21. (New Claim) The method of claim 18, wherein component (a) is free of nitrogen.

22. (New Claim) The method of claim 18 wherein the composition further comprises a viscosity modifier.

23. (New Claim) The method of claim 18, wherein the substantially nitrogen free dispersant derived from the reaction product of (i) a polyalkenyl-substituted dicarboxylic acid anhydride or derivatives thereof; and (ii) a polyol.

USSN 10/802,990
Amendment and Response

24. (New Claim) The method of claim 23, wherein the substantially nitrogen free dispersant contains a polyalkenyl group with a number average molecular weight of about 500 to about 5000.

25. (New Claim) The method of claim 18, wherein the polyol is a polyoxyalkylene glycol, a polyhydric alcohol or mixtures thereof.

26. (New Claim) The method of claim 25, wherein the polyol includes an ethylene glycol, a propylene glycol, a butylene glycol, a trimethylene glycol, a glycerol, trimetholpropane, a pentaerythritol, an erythritol, an arabitol, a sorbitol, a mannitol or mixtures thereof.

27. (New Claim) The method of claim 18, wherein the primary metal hydrocarbyl dithiophosphate is a primary zinc dihydrocarbyl dithiophosphate with each hydrocarbyl group containing about 2 to about 20 carbon atoms.

28. (New Claim) The method of claim 27, wherein the primary metal hydrocarbyl dithiophosphate includes zinc di-(heptyl) dithiophosphate, zinc di-(octyl) dithiophosphate di-(2-ethylhexyl) dithiophosphate, zinc di-(nonyl) dithiophosphate, zinc di-(decyl) dithiophosphate, zinc di-(dodecyl) dithiophosphate or mixtures thereof.

29. (New Claim) The method of claim 18, wherein the viscosity modifier include a poly(meth)acrylate acid ester, an olefin copolymer or mixtures thereof.

30. (New Claim) The method of claim 18, wherein the oil of lubricating viscosity includes an API Group II, III or IV oil or mixtures thereof.

31. (New Claim) The method of claim 18, wherein the composition further comprises at least one other performance additive including a metal deactivator, a detergent and an antioxidant.

USSN 10/802,990
Amendment and Response

32. (New Claim) The method of claim 31, wherein the metal deactivator is a benzotriazole with a hydrocarbyl group substitution on at least one ring position.

33. (New Claim) The method of claim 31, wherein the detergent is a phenate, a sulphurised phenate or mixtures thereof.

34. (New Claim) The method of claim 31, wherein the antioxidant includes a hindered phenol, a diphenylamine or mixtures thereof.

35. (New Claim) The method of claim 18, wherein the composition comprises:

- (a) the substantially nitrogen free dispersant is present on an oil free basis from about 0.01 wt % to about 30 wt % of the composition;
- (b) the primary metal hydrocarbyl dithiophosphate is present on an oil free basis from about 0.01 wt % to about 30 wt % of the composition;
- (c) the oil of lubricating viscosity is present from about 50 wt % to about 99.9 wt % of the composition;
- (d) the viscosity modifier on an oil free basis at of about 0 wt % to about 30 wt % of the composition;
- (e) a metal deactivator is present on an oil free basis from about 0 wt % to about 5 wt % of the composition;
- (f) a antioxidant is present on an oil free basis from about 0 wt % to about 30 wt %; and
- (g) a detergent is present on an oil free basis from about 0 wt % to about 10 wt % of the composition.